



30 X 60 MINUTE QUADRANGLE
SHOWING

- Wetland classifications



Produced by the United States Fish and Wildlife Service
Wetland classifications from 1:117 000-scale color infrared aerial
photographs taken 1973, 1:115 000-scale black and white aerial
photographs taken 1972, 1:125 000-scale black and white aerial
photographs taken 1973 and other source data

SPECIAL NOTE
This document was prepared primarily by stereoscopic analysis of high altitude aerial
photographs. Wetlands were identified on the photographs based on vegetation, water
hydrology, and topography in accordance with *Classification of Wetlands and Deep Water
Habitats of the United States* (for Operational Draft Committee, et al., 1977). The aerial
photographs typically reflect conditions during the specific year and season when they
were taken. In addition, there is a margin of error inherent in the use of the aerial
photographs. Thus, a wetland on the ground and on the photograph is a single area may
result in a revision. If the wetland boundaries established through photographic interpretation
are in addition, some small wetlands and those obscured by dense forest cover may not be
indicated on this document.
Federal, State and local regulatory agencies with jurisdiction over wetlands may define
and describe wetlands in a of recent manner than that used in this inventory. There is no
attempt to either the design or the content of this inventory. To define the limits of proprietary
jurisdiction of any Federal, State or local government or to establish the geographical scope
of the regulatory programs of government agencies. Persons intending to engage in
activities involving modification within or adjacent to wetlands should consult with the Service
of appropriate Federal, State or local agencies concerning specific agency regulatory
programs and proprietary jurisdictions that may affect such activities.

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS			
Meters	Feet			1	2	3	
1	3.2808			4	5	6	
2	6.5616						
3	9.8424						
4	13.1232						
5	16.4040						
6	19.6848						
7	22.9656						
8	26.2464						
9	29.5272						
10	32.8080						
To convert meters to feet multiply by 3.2808		UTM and convergence (GN) and 1978 magnetic declination (MN) at center of map Diagram is approximate		2 Sedona 3 Holbrook 4 Bradshaw Mountains 5 Show Low 6 Phoenix North 7 Thunder River 8 Lake Superior			



SCALE 1:100 000
KILOMETERS 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
MILES 0 1 2 3 4 5 6 7 8 9 10 11 12
1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND

SCALE 1:100 000
0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 11000 12000 13000 14000 15000 16000 17000 18000 19000 20000 21000 22000 23000 24000 25000 26000 27000 28000 29000 30000 31000 32000 33000 34000 35000 36000 37000 38000 39000 40000 41000 42000 43000 44000 45000 46000 47000 48000 49000 50000 51000 52000 53000 54000 55000 56000 57000 58000 59000 60000
FEET

WETLAND LEGEND

- | | | | | | | | | | | |
|--|--|---|---|---|---|---|--|--|--|---|
| M MARINE
1 SUBTIDAL
OW Open Water/Unknown Bottom
RB Rock Bottom
UB Unconsolidated Bottom
AB Aquatic Bed
RF Reef | M MARINE
2 INTERTIDAL
OW Open Water/Unknown Bottom
RB Rock Bottom
UB Unconsolidated Bottom
AB Aquatic Bed
RF Reef | E ESTUARINE
1 SUBTIDAL
OW Open Water/Unknown Bottom
RB Rock Bottom
UB Unconsolidated Bottom
AB Aquatic Bed
RF Reef | E ESTUARINE
2 INTERTIDAL
OW Open Water/Unknown Bottom
RB Rock Bottom
UB Unconsolidated Bottom
AB Aquatic Bed
RF Reef | R RIVERINE
1 TIDAL
EM Emergent (Nonperennial)
OW Open Water/Unknown Bottom
RB Rock Bottom
UB Unconsolidated Bottom
AB Aquatic Bed
RF Reef | R RIVERINE
2 LOWER PERENNIAL
OW Open Water/Unknown Bottom
RB Rock Bottom
UB Unconsolidated Bottom
AB Aquatic Bed
RF Reef | R RIVERINE
3 UPPER PERENNIAL
OW Open Water/Unknown Bottom
RB Rock Bottom
UB Unconsolidated Bottom
AB Aquatic Bed
RF Reef | R RIVERINE
4 INTERMITTENT
OW Open Water/Unknown Bottom
RB Rock Bottom
UB Unconsolidated Bottom
AB Aquatic Bed
RF Reef | L LACUSTRINE
1 LIMNETIC
OW Open Water/Unknown Bottom
RB Rock Bottom
UB Unconsolidated Bottom
AB Aquatic Bed
RF Reef | L LACUSTRINE
2 LITTORAL
OW Open Water/Unknown Bottom
RB Rock Bottom
UB Unconsolidated Bottom
AB Aquatic Bed
RF Reef | P PALUSTRINE
NO SUBSYSTEMS
OW Open Water/Unknown Bottom
RB Rock Bottom
UB Unconsolidated Bottom
AB Aquatic Bed
RF Reef |
|--|--|---|---|---|---|---|--|--|--|---|

SYSTEM SUBSYSTEM
CLASS
EXPLAN
Subclass, water regime *
U - Primarily represents upland areas, but may include unclassified wetlands such as man-made areas, non photo-identifiable areas and/or unintentional omissions.
P or PCT - Farmed wetlands
Controlled water regime
0808202 Hydrologic units *
2311 Ecotone *
(H-3) A1 Land-surface form *
SOURCES OF ADDITIONAL INFORMATION
• Hydrologic Unit - U.S. Geological Survey
• Ecotone - U.S. Forest Service
• Land Surface Form - U.S. Geological Survey
• Subclass and Water Regime - U.S. Fish and Wildlife Service
Other information concerning the wetland resources depicted on this document may be available, contact: Regional Director (AR03) Region I, U.S. Fish and Wildlife Service
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